



# Busybox: busybox: arbitrary file modification and privilege escalation via unvalidated tar archive entries

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2026-26158
<b>State</b>	PUBLISHED
<b>Assigner</b>	redhat
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-02-11 21:16:21 UTC
<b>Updated</b>	2026-05-05 21:16:21 UTC
<b>Description</b>	A flaw was found in BusyBox. This vulnerability allows an attacker to modify files outside of the intended extraction directory

## Risk And Classification

**Primary CVSS:** v3.1 7 HIGH from secalert@redhat.com

**CVSS:** 3.1/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

**EPSS:** 0.000060000 probability, percentile 0.003210000 (date 2026-05-05)

**Problem Types:** CWE-73 | CWE-73 External Control of File Name or Path

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Secondary	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat	Red Hat Hardened Images	unaffected 1.37.0-7.2.hum1 * rpm	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 6	Not specified	Not specified

### References

Reference	Source	Link	Tags
git.busybox.net/busybox/commit/archival	secalert@redhat.com	<a href="https://git.busybox.net">git.busybox.net</a>	
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>	
access.redhat.com/security/cve/CVE-2026-26158	secalert@redhat.com	<a href="https://access.redhat.com">access.redhat.com</a>	
access.redhat.com/errata/RHSA-2026:13831	secalert@redhat.com	<a href="https://access.redhat.com">access.redhat.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

### Vendor Comments And Credit

#### Discovery Credit

**CNA:** Red Hat would like to thank Calil Khalil (Hakal) for reporting this issue. (en)

### Additional Advisory Data

Source	Time	Event
CNA	2026-02-11T18:09:00.001Z	Reported to Red Hat.
CNA	2026-02-11T00:00:00.000Z	Made public.

#### Workarounds

**CNA:** As a prevention measure, avoid extracting tar archives from untrusted sources using BusyBox, especially when operating with elevated privileges. If processing untrusted archives is unavoidable, ensure that the extraction process is performed within a strictly sandboxed environment with minimal permissions. This operational control reduces the risk of arbitrary file modification and privilege escalation.

There are currently no legacy QID mappings associated with this CVE.

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